

Title (en)

Remotely installed steam generator nozzle dam system.

Title (de)

Ferneinbau von einem Stutzendamm in einem Dampferzeuger.

Title (fr)

Montage à distance d'un obturateur pour buse dans un générateur de vapeur.

Publication

EP 0373338 A2 19900620 (EN)

Application

EP 89120295 A 19891102

Priority

US 28505688 A 19881215

Abstract (en)

A system and method for installing a nozzle dam unit (26) in a nuclear steam generator having a head (12) including a head internal surface, a manway (14) penetrating the head, and a nozzle (16) penetrating the head. The system comprises a manipulator (76) adapted to be passed through the manway and having one end (82) adapted to be attached remotely to the head internal surface and a free end including a clamp member (104). A plurality of nozzle dam segments (52, 54, 56) are each sized to pass through the manway and carry means thereon (114, 116) for engaging at least one other segment, the segments when fully engaged to each other forming a dam subassembly sized to pass into and seat against the nozzle. The manipulator is controlled so that the clamp member grasp and supports one of the dam segments within the head until the subassembly is formed within the head, and then is translated within the head until the dam subassembly seats within the nozzle.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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